

Postgraduate Certificate

Design of Dental Prostheses



Postgraduate Certificate Design of Dental Prostheses

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/dentistry/postgraduate-certificate/design-dental-prostheses

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01

Introduction

Nowadays, the important area of dental prosthesis creation has experienced significant advances in technology and materials, which has led to the creation of this kind of elements to be more aesthetic, functional and durable. For this reason, it is essential to have professionals specialized in this area, since they are the ones who will provide comprehensive care to patients who require this treatment. Therefore, TECH has designed this program that is focused on meeting this demand and qualifying participants by providing them with top quality content. This, through a 100% online methodology, will benefit students in order to have greater control over their time.





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This is the best Postgraduate Certificate to specialize in Design of Dental Prostheses and the only one that will allow you to increase your professional expectations”

Knowledge about clinical history, diagnosis and classification of prosthetic rehabilitations, as well as the advantages and disadvantages of the different methods of prosthetic rehabilitation, are fundamental to guarantee a successful treatment for patients. Aspects that the students of this Postgraduate Certificate will achieve once they complete the study of the contents of the syllabus.

This is due to the fact that the syllabus includes fundamental topics on the design of dental prostheses, such as the performance of imaging tests that allow the definitive diagnosis. Also, the most effective way to make the general classification of prosthetic rehabilitations from the implementation of recovery methods will be discussed in depth.

In this way, participants will have the opportunity to acquire a deeper knowledge and master the most efficient techniques of this activity, in order to apply them in clinical practice according to the patient's needs. In addition, they will strengthen their skills which will allow them to face the current challenges in oral rehabilitation and increase their professional competencies to stand out as a great dentist.

This program is delivered through the innovative *Relearning* methodology, which allows 100% online learning, giving students the flexibility to study from anywhere and on their own schedule. They will also have 24-hour access to multimedia resources that they can review at their own pace. In addition, through the analysis of case studies, participants will develop problem-solving skills by facing simulations of realistic situations.

This **Postgraduate Certificate in Design of Dental Prostheses** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in Design of Dental Prostheses
- ◆ The graphic, schematic and practical contents with which it is conceived scientific and practical information on those disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



Become an expert in Design of Dental Prostheses and stand out in the field of dentistry with this incredible program"

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Expand your job opportunities thanks to the contents offered by this Postgraduate Certificate in Design of Dental Prostheses”

The program's teaching staff includes professionals from the industry who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Don't wait any longer and be part of the most prestigious dentists in the sector. Enroll now.

Improve your technical skills in the design of dental prostheses and provide innovative solutions to your patients.



02 Objectives

The educational program focuses on providing students with the latest developments in dentistry, with special attention to the most effective procedures for dental prostheses. Participants will acquire the necessary tools with the objective of mastering the most current design techniques, which will allow them to provide confident care to patients with this condition. In addition, the study of multimedia resources will strengthen participants' skills in this field.





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You will get to make an excellent diagnosis, with the aim of planning and designing an adequate treatment for your patient"



General Objectives

- ◆ Develop your knowledge of anatomy, physiology and orofacial pathology in order to make accurate diagnoses and design appropriate treatment plans
- ◆ Develop skills in the performance of clinical examinations and interpretation of data for an accurate diagnosis and optimal treatment plan
- ◆ Update knowledge in the use of dental materials, clinical and laboratory techniques in the design of prostheses with high physiological and aesthetic performance
- ◆ Acquire knowledge in the prevention and treatment of complications related to dental prosthetics and occlusion
- ◆ Understand the importance of interdisciplinary collaboration for the achievement of ideal results
- ◆ In-depth knowledge of the latest clinical and digital trends in the field of oral rehabilitation



Discover the most advanced techniques in Design of Dental Prostheses through the syllabus of this program, which has been elaborated by experts in the field"





Specific Objectives

- ◆ Delve into the importance of clinical history and anamnesis in the assessment of the patient for the design of prosthetic treatment
- ◆ Systematically collect and document relevant patient information
- ◆ Delve into the different imaging techniques used in the evaluation of patients for the design of the prosthetic treatment
- ◆ Describe how to interpret and use the information obtained from imaging tests for treatment planning
- ◆ Investigate the prosthetic diagnostic process and the tools and techniques used in this process
- ◆ Formulate a definitive diagnosis and establish an appropriate treatment plan
- ◆ Select the appropriate type of prosthetic rehabilitation for each clinical case
- ◆ Detect the therapeutic variables to be taken into account in prosthetic treatment planning and design an appropriate treatment plan

03

Course Management

TECH has assembled a prestigious teaching staff, made up of recognized experts in dentistry, with the aim of offering excellent knowledge in this Postgraduate Certificate. Professionals who enroll in this program will have access to an advanced syllabus developed by a specialized team with extensive knowledge in the field of technical procedures to design a prosthesis from scratch and who have extensive experience in private clinics.



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Learn from the best working professionals in this field and achieve all your goals, thanks to this program"

Management



Mr. Ruiz Agenjo, Manuel

- ♦ Director of the School of Higher Vocational Training in Dental Prosthesis
- ♦ Judicial expert for dental prosthesis awarded by the Basque Government
- ♦ Specialized in Oral Rehabilitation and Aesthetics
- ♦ Degree in Dentistry from CESPU University
- ♦ Degree in Dental Prosthetics from CESPU University



04

Structure and Content

The contents of the syllabus of this Postgraduate Certificate have been created by leading professionals in the field of dentistry, in order to provide students with excellent education. In this program, participants will have the opportunity to be updated in the most effective techniques for the design of dental prostheses. This will be done through the use of multimedia resources and the analysis of practical cases, which will allow students to develop outstanding professional skills in this field.





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A syllabus that will provide you with all the necessary elements to make a prosthesis that suits the patient's needs"

Module 1. Analysis, Planning and Design in Prosthesis

- 1.1. Concept
- 1.2. Medical History
- 1.3. Imaging Tests
 - 1.3.1. Types of Imaging Tests Used in Dentistry
 - 1.3.2. Indications and Contraindications of Imaging Tests
 - 1.3.3. Interpretation of Imaging Tests Results
 - 1.3.4. Recent Advances in Imaging Tests for Dental Prosthesis
- 1.4. Firm Diagnosis
 - 1.4.1. Diagnostic Process in Prosthetic Rehabilitation
 - 1.4.2. Importance of the Diagnosis in the Selection of Appropriate Treatment
 - 1.4.3. Techniques and Tools Used in the Definitive Diagnosis
 - 1.4.4. Different Approaches to Definitive Diagnosis in Dental Prosthesis
- 1.5. General Classification of Prosthetic Restorations
 - 1.5.1. Types of Prosthesis According to the Number of Teeth to be Replaced
 - 1.5.2. Fixed vs. Removable Prosthesis
 - 1.5.3. Materials Used in Dental Prosthesis
 - 1.5.4. Evolution of Prosthetic Rehabilitations in the History of Dentistry
- 1.6. Therapeutic Variables
 - 1.6.1. Factors Influencing the Selection of Prosthetic Treatment
 - 1.6.2. Variables to Consider when Planning Prosthetic Rehabilitation
 - 1.6.3. Aesthetic Considerations in the Selection of Prosthetic Treatment
 - 1.6.4. Variables Affecting the Durability of Dental Prosthesis
- 1.7. Advantages and Disadvantages of the Different Methods of Prosthetic Rehabilitation Indications
 - 1.7.1. Advantages and Disadvantages of Fixed Prosthesis
 - 1.7.2. Advantages and Disadvantages of Removable Prosthesis
 - 1.7.3. Indications for Fixed Prosthesis
 - 1.7.4. Indications for Removable Prosthesis





- 1.8. Periprosthetic Tissue Management in Conventional Rehabilitation
- 1.9. Photography in Dental Prosthesis, its Importance on the Treatment Design
 - 1.9.1. Types of Photographs Used in Dental Prosthesis
 - 1.9.2. Importance of Photography in Diagnosis and Prosthetic Treatment Planning
 - 1.9.3. How to Use Photography in Communication with the Dental Laboratory and the Patient
- 1.10. General and Specific Contraindications of the Different Types of Prosthetic Rehabilitation
 - 1.10.1. Contraindications for Removable Prosthesis
 - 1.10.2. Contraindications for Fixed Prosthesis
 - 1.10.3. Contraindications for Implant-Supported Prosthesis
 - 1.10.4. Specific Contraindications for Prosthetic Rehabilitation in Patients with Systemic Diseases

“Pursue professional excellence thanks to this educational program that will provide you with all the tools you need to achieve it”

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the dentist's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

The student will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 115,000 dentists with unprecedented success, in all specialties regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

Certificate

The Postgraduate Certificate in Design of Dental Prostheses guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Certificate in Design of Dental Prosthesis** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Design of Dental Prosthesis**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





Postgraduate Certificate Design of Dental Prosthesis

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

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